

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071918\
 Data File : BE097000.D
 Acq On : 19 Jul 2018 12:04
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 19 13:31:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 15:02:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1376	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6606	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4087	0.40	ng	-0.01
19) Phenanthrene-d10	16.78	188	11655	0.40	ng	0.00
27) Chrysene-d12	20.98	240	11833	0.40	ng	0.00
34) Perylene-d12	23.21	264	10643	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1335	0.41	ng	0.00
5) Phenol-d6	6.59	99	1882	0.37	ng	0.00
8) Nitrobenzene-d5	8.53	82	2044	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3603	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	423	0.46	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	5399	0.36	ng	0.00
25) Fluoranthene-d10	18.81	212	43110	0.43	ng	0.00
29) Terphenyl-d14	19.43	244	8410	0.37	ng	0.00

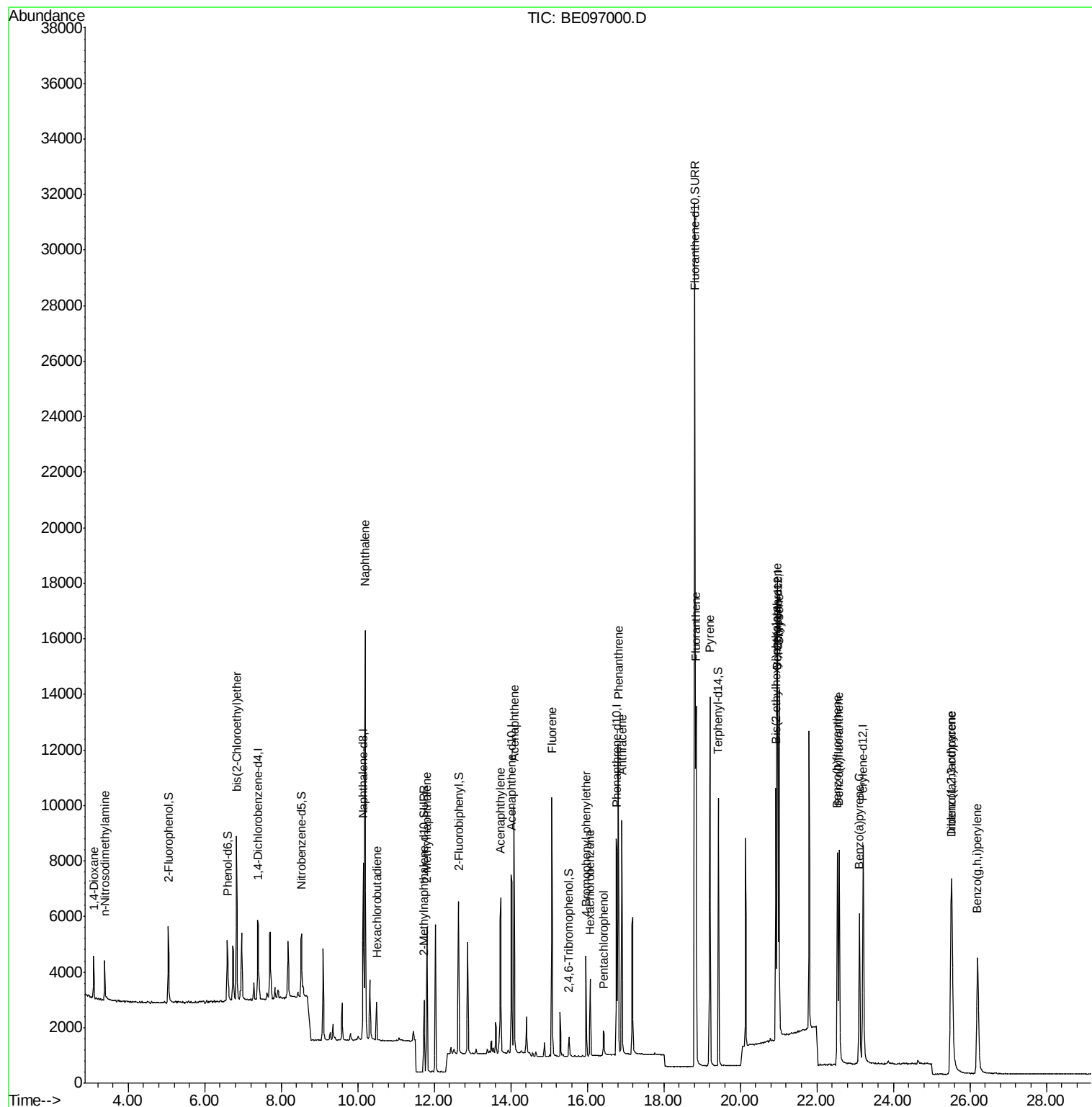
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	843	0.428	ng	# 88
3) n-Nitrosodimethylamine	3.38	42	921	0.416	ng	95
6) bis(2-Chloroethyl)ether	6.84	93	1909	0.387	ng	93
9) Naphthalene	10.20	128	22738	0.385	ng	100
10) Hexachlorobutadiene	10.50	225	1023	0.428	ng	98
12) 2-Methylnaphthalene	11.81	142	3823	0.381	ng	98
16) Acenaphthylene	13.74	152	6766	0.363	ng	100
17) Acenaphthene	14.08	154	4080	0.352	ng	# 93
18) Fluorene	15.07	166	5248	0.403	ng	# 79
20) 4-Bromophenyl-phenylether	15.98	248	2050	0.372	ng	# 70
21) Hexachlorobenzene	16.08	284	2251	0.368	ng	# 84
22) Pentachlorophenol	16.44	266	551	0.582	ng	# 76
23) Phenanthrene	16.81	178	10645	0.381	ng	99
24) Anthracene	16.90	178	9066	0.373	ng	96
26) Fluoranthene	18.84	202	11801	0.401	ng	98
28) Pyrene	19.21	202	11907	0.341	ng	100
30) Benzo(a)anthracene	20.95	228	10866	0.386	ng	98
31) Chrysene	21.02	228	11509	0.364	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	10474	0.372	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	11452	0.497	ng	# 93
35) Benzo(b)fluoranthene	22.54	252	9730	0.358	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	11109	0.344	ng	96
37) Benzo(a)pyrene	23.11	252	8912	0.390	ng	# 92
38) Dibenzo(a,h)anthracene	25.53	278	9554	0.477	ng	# 95
39) Benzo(g,h,i)perylene	26.20	276	10020	0.454	ng	# 91

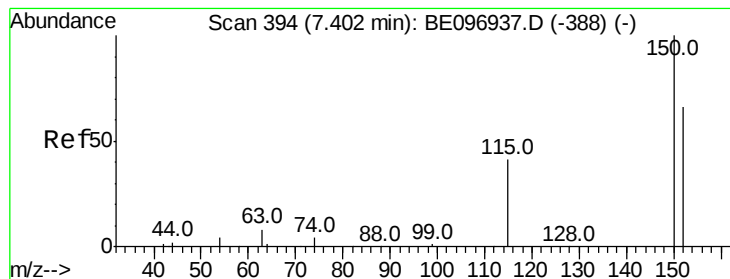
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 19 13:31:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 15:02:56 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 394

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

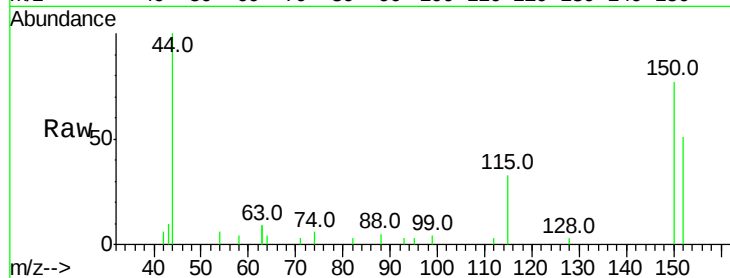
Tot Ion:152 Resp: 1376

Ion Ratio Lower Upper

152 100

150 150.2 117.2 175.8

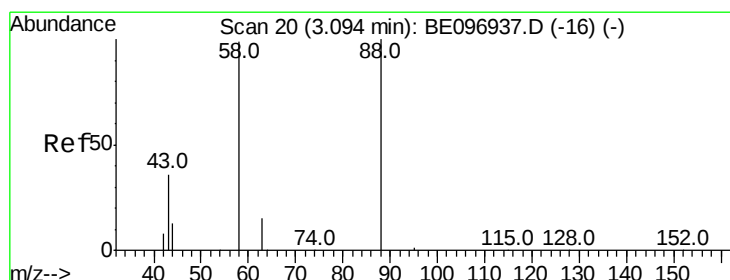
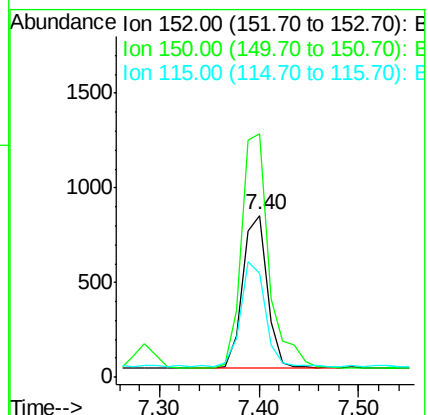
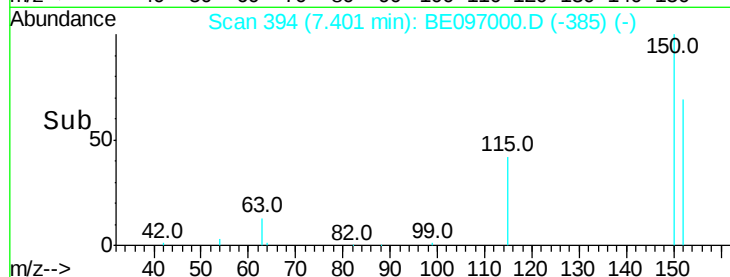
115 64.3 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.428 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

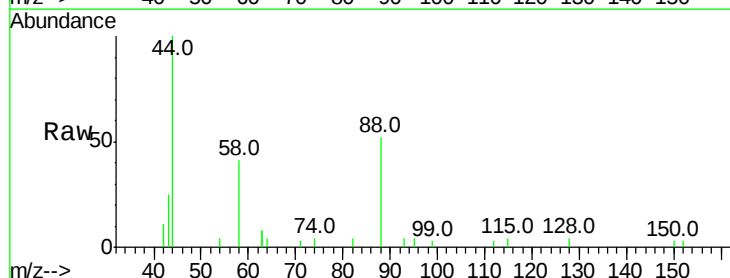
Tgt Ion: 88 Resp: 843

Ion Ratio Lower Upper

88 100

58 82.1 63.2 94.8

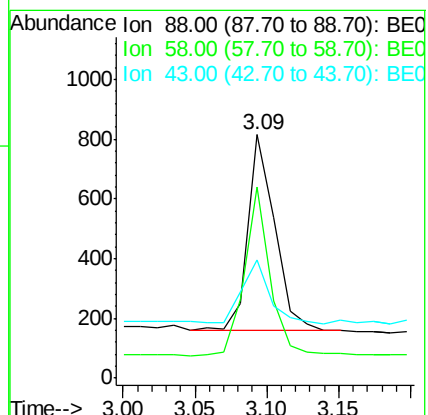
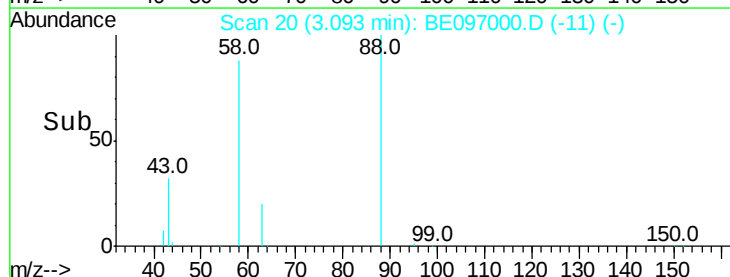
43 33.8 41.2 61.8#



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



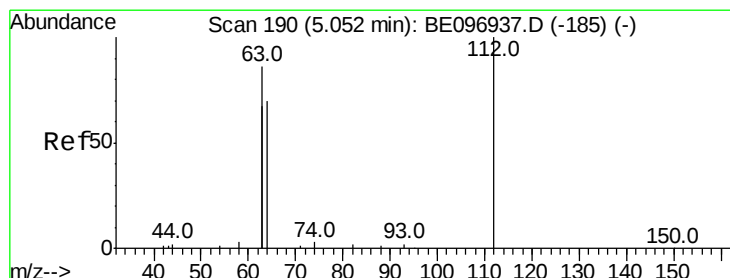
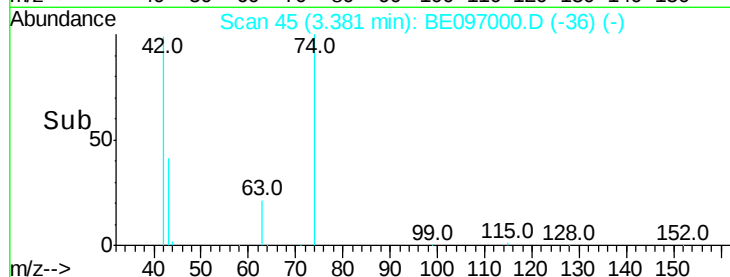
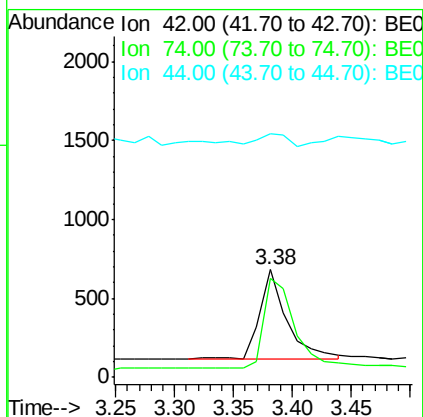
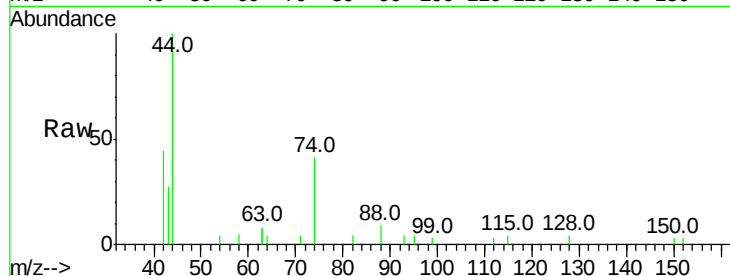


#3

n-Nitrosodimethylamine
 Concen: 0.416 ng
 RT: 3.38 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE097000.D
 Acq: 19 Jul 2018 12:04

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

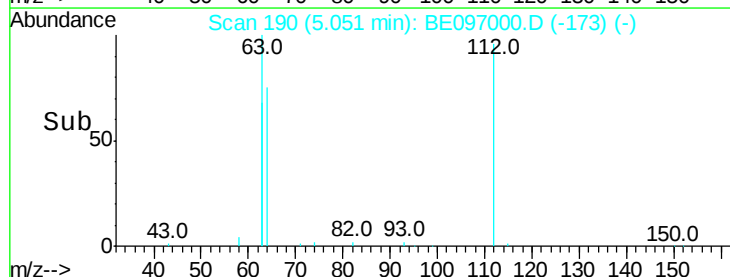
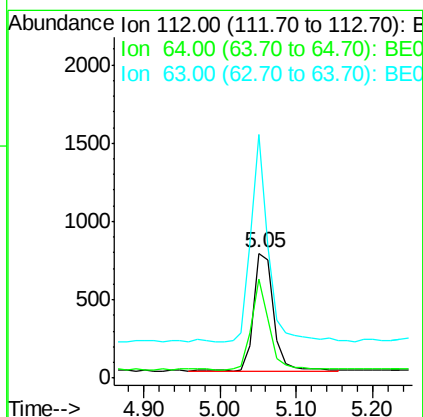
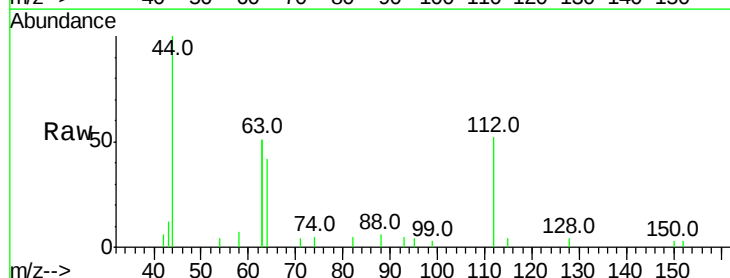
Tot Ion: 42 Resp: 921
 Ion Ratio Lower Upper
 42 100
 74 113.5 96.0 144.0
 44 14.4 12.0 18.0

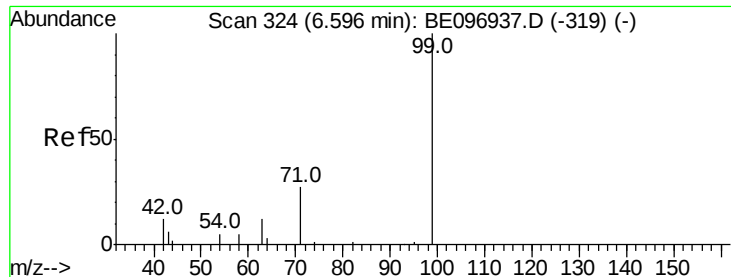


#4

2-Fluorophenol
 Concen: 0.406 ng
 RT: 5.05 min Scan# 190
 Delta R.T. -0.00 min
 Lab File: BE097000.D
 Acq: 19 Jul 2018 12:04

Tgt Ion: 112 Resp: 1335
 Ion Ratio Lower Upper
 112 100
 64 68.6 60.1 90.1
 63 155.8 116.8 175.2





#5

Phenol-d6

Concen: 0.375 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

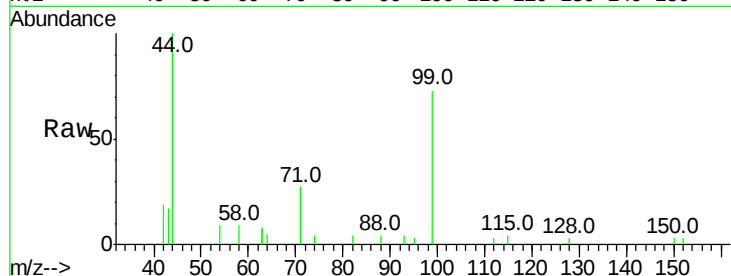
Tot Ion: 99 Resp: 1882

Ion Ratio Lower Upper

99 100

42 24.7 20.2 30.2

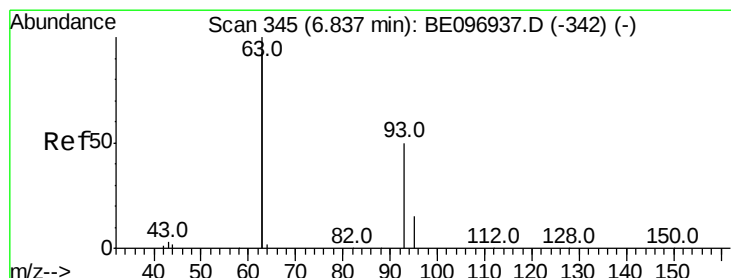
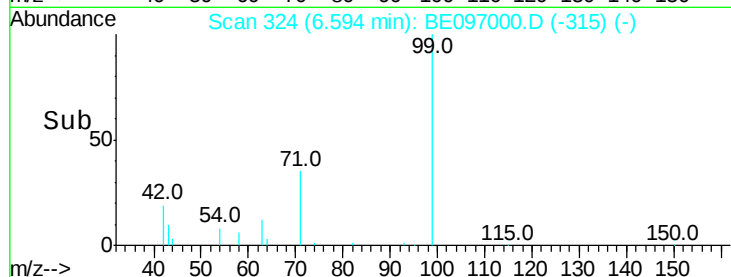
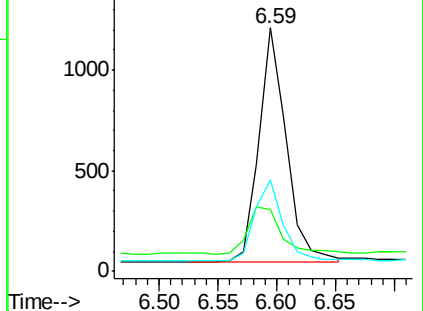
71 35.5 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.387 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

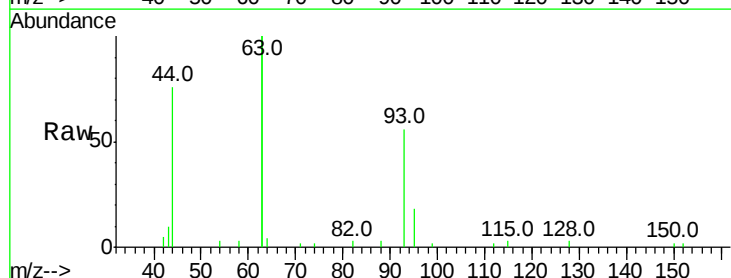
Tgt Ion: 93 Resp: 1909

Ion Ratio Lower Upper

93 100

63 328.5 275.3 412.9

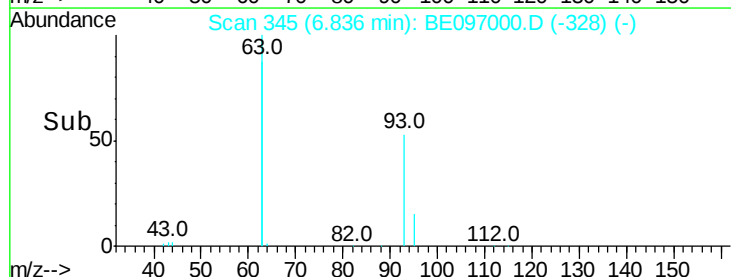
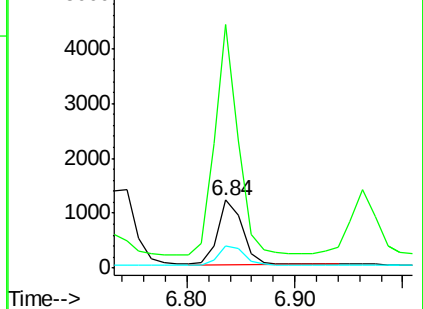
95 30.6 25.2 37.8

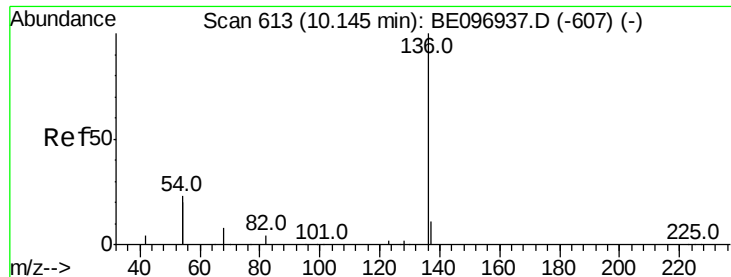


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 6606

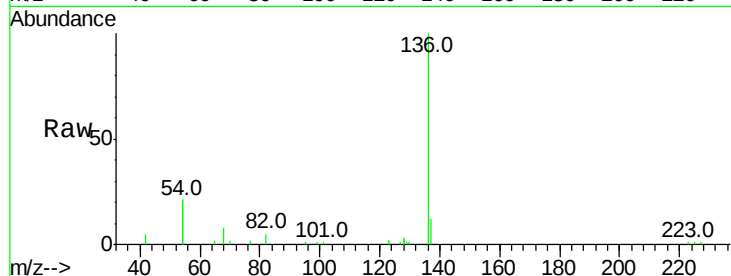
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 41.5 29.1 43.7

68 7.6 6.2 9.2

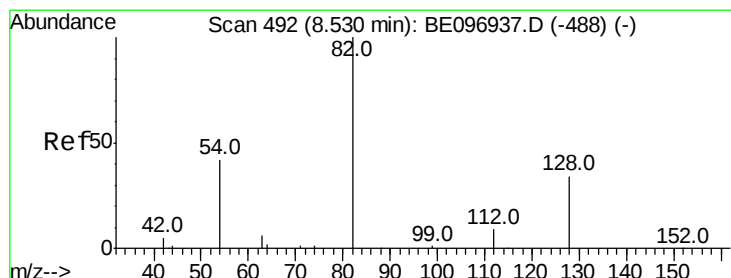
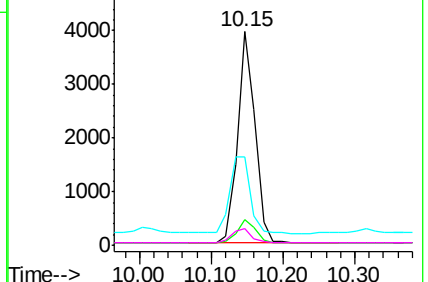
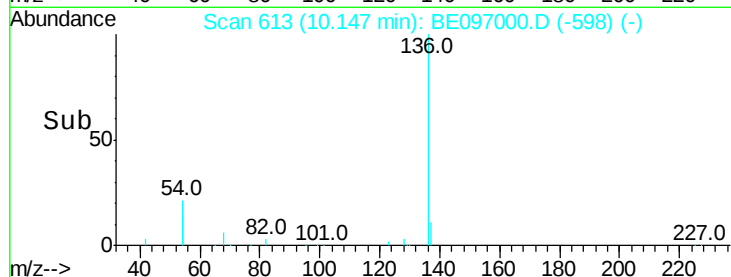


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.424 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

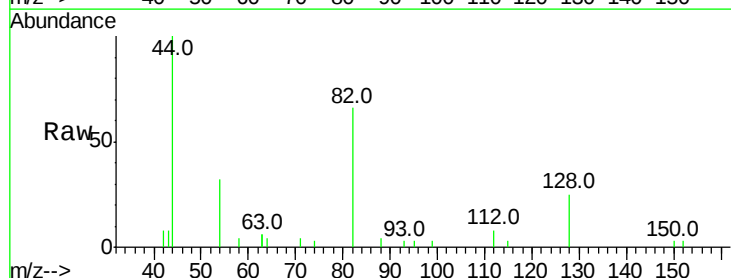
Tgt Ion: 82 Resp: 2044

Ion Ratio Lower Upper

82 100

128 37.3 24.0 36.0#

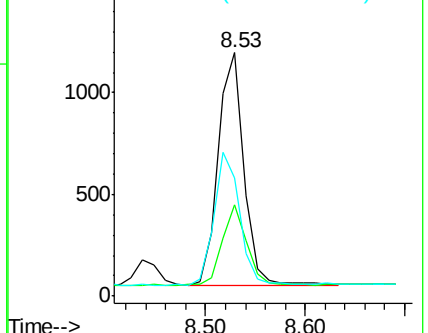
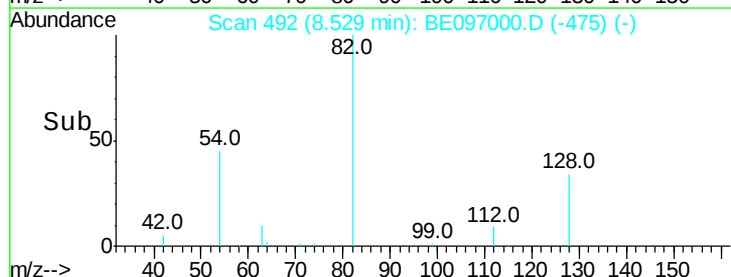
54 48.4 40.0 60.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.385 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

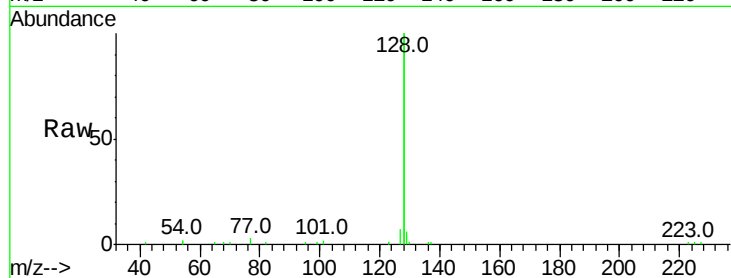
Tot Ion:128 Resp: 22738

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

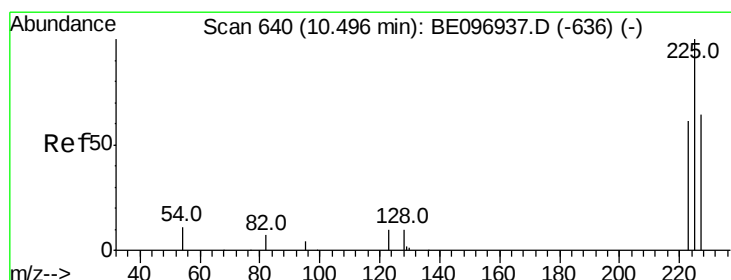
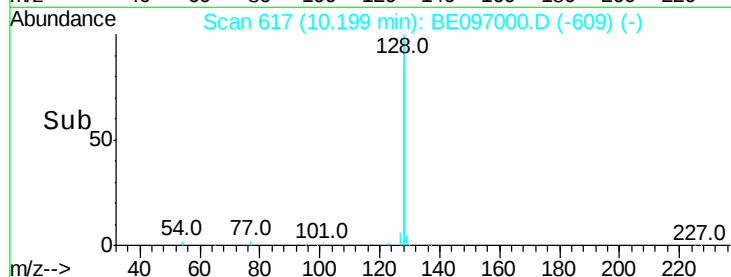
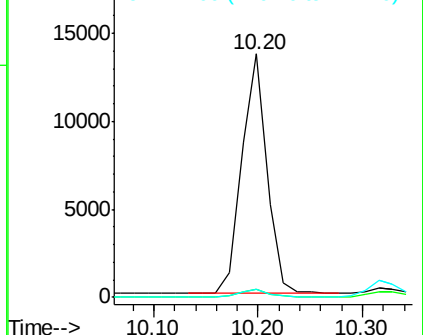
127 3.4 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.428 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

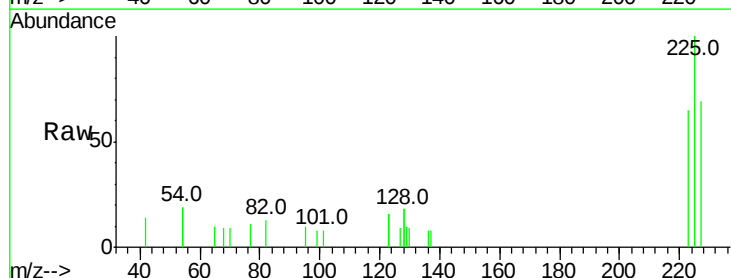
Tgt Ion:225 Resp: 1023

Ion Ratio Lower Upper

225 100

223 64.1 53.0 79.6

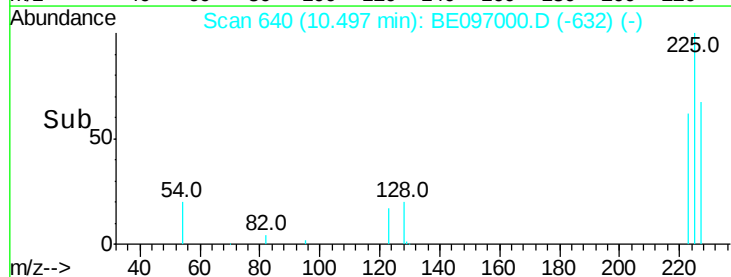
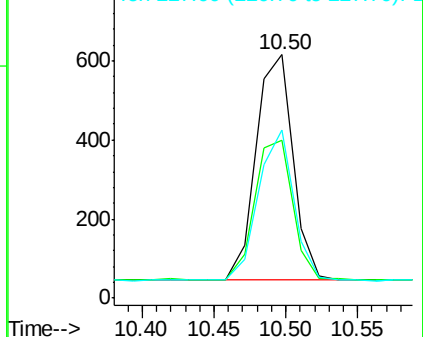
227 63.5 51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.374 ng

RT: 11.73 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

Instrument :

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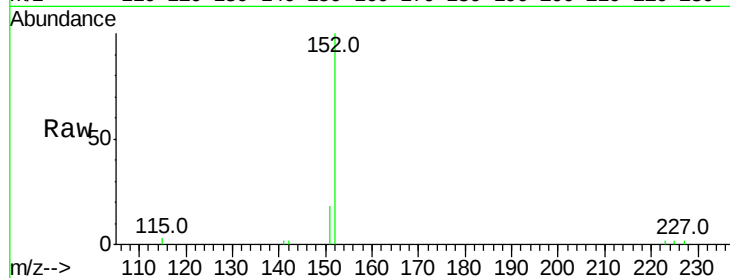
SSTDCCC0.4

Tot Ion:152 Resp: 3603

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

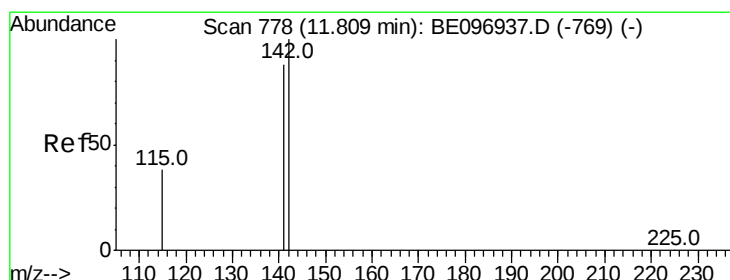
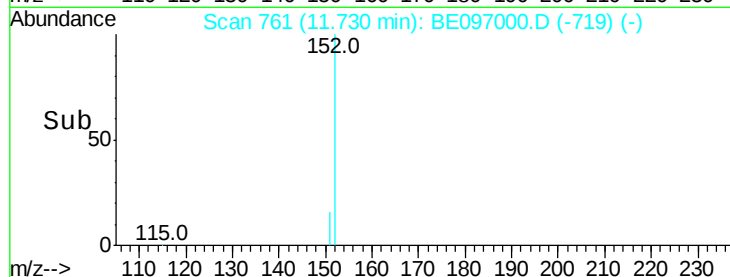
1500

1000

500

0

Time--> 11.70 11.73 11.80



#12

2-Methylnaphthalene

Concen: 0.381 ng

RT: 11.81 min Scan# 778

Delta R.T. 0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

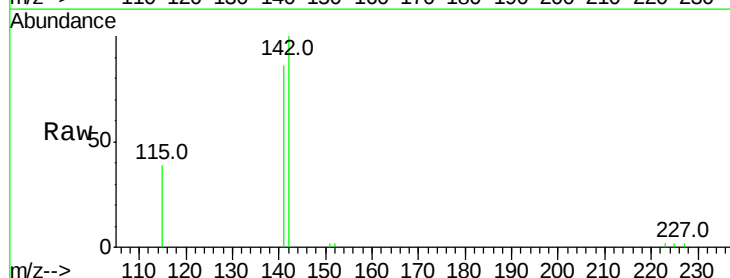
Tgt Ion:142 Resp: 3823

Ion Ratio Lower Upper

142 100

141 86.0 70.4 105.6

115 38.7 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

3000

2500

2000

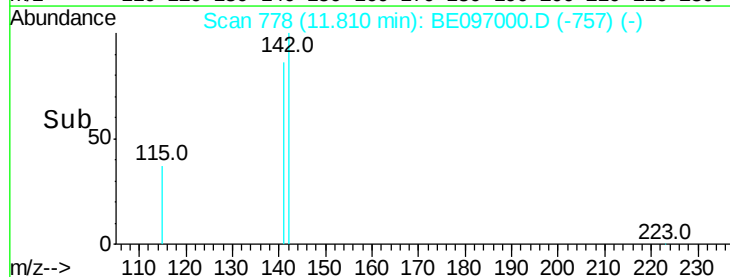
1500

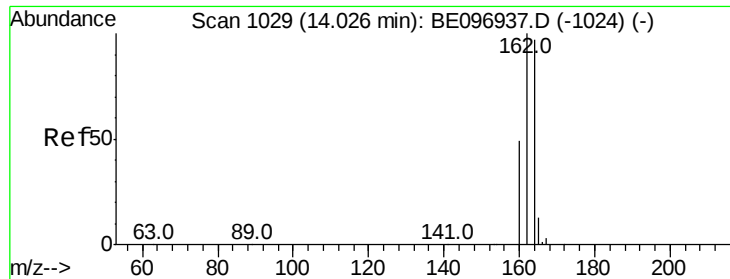
1000

500

0

Time--> 11.70 11.80 11.90

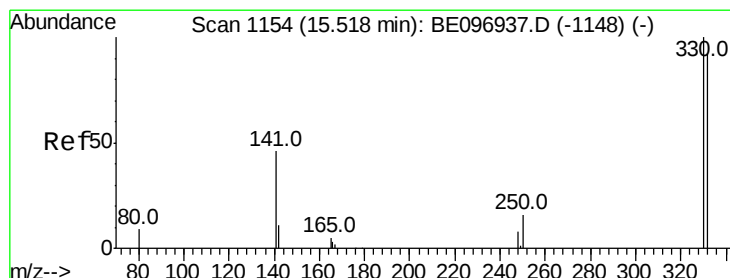
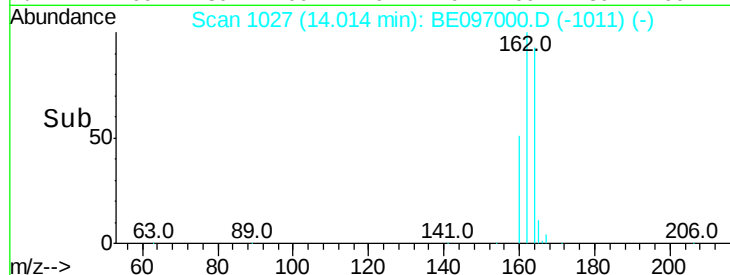
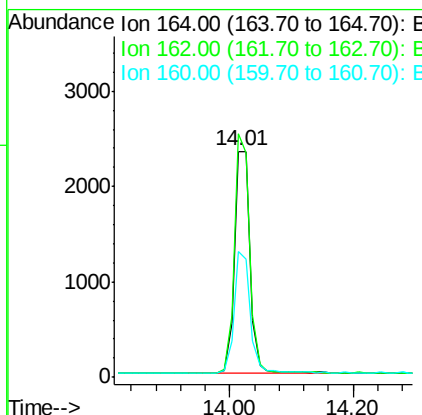
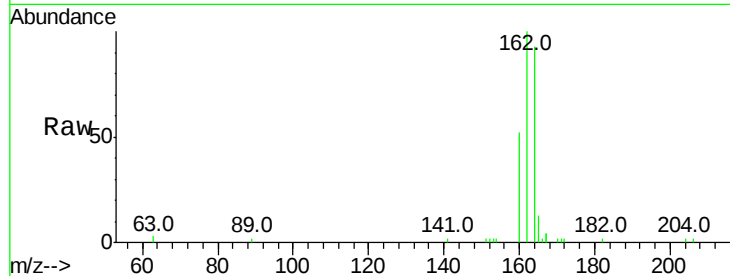




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.01 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BE097000.D
 Acq: 19 Jul 2018 12:04

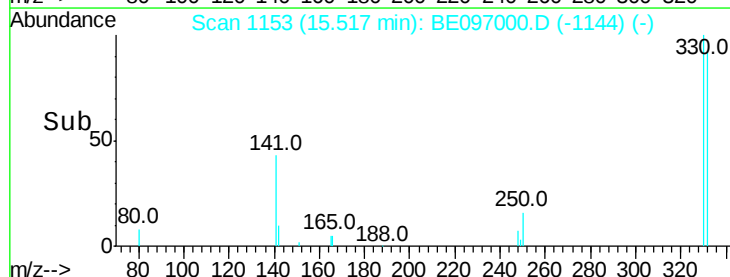
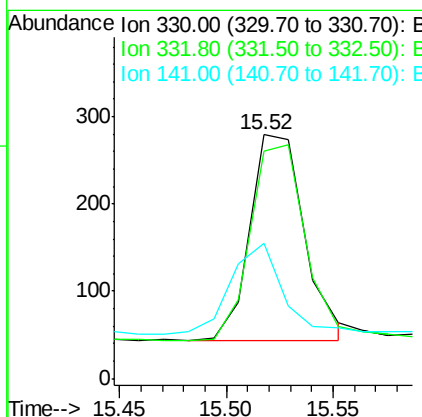
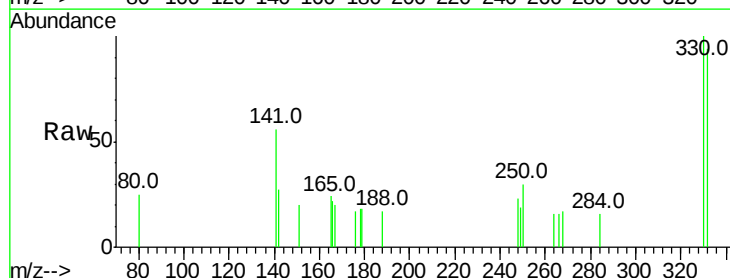
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

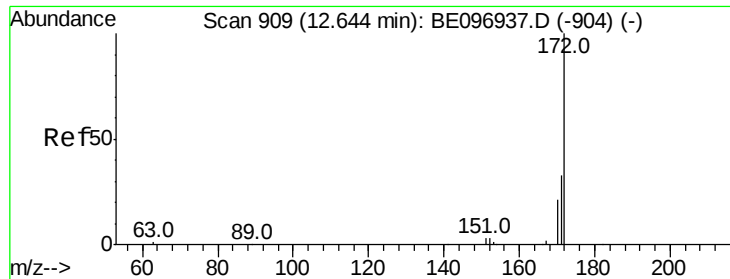
Tot Ion:164 Resp: 4087
 Ion Ratio Lower Upper
 164 100
 162 107.8 83.1 124.7
 160 55.8 37.1 55.7#



#14
 2,4,6-Tribromophenol
 Concen: 0.463 ng
 RT: 15.52 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BE097000.D
 Acq: 19 Jul 2018 12:04

Tgt Ion:330 Resp: 423
 Ion Ratio Lower Upper
 330 100
 332 95.0 152.7 229.1#
 141 43.0 33.7 50.5

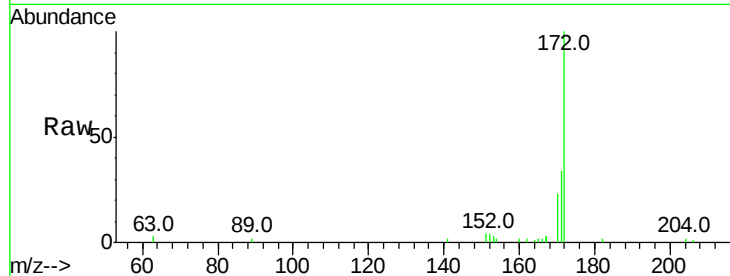




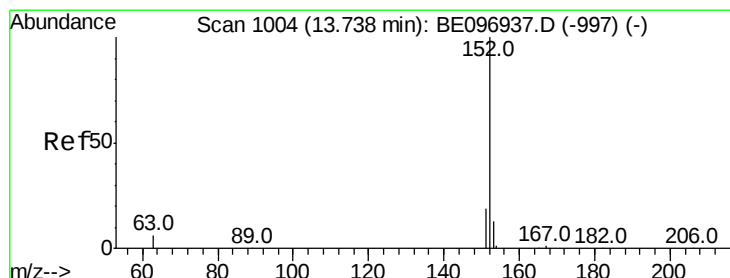
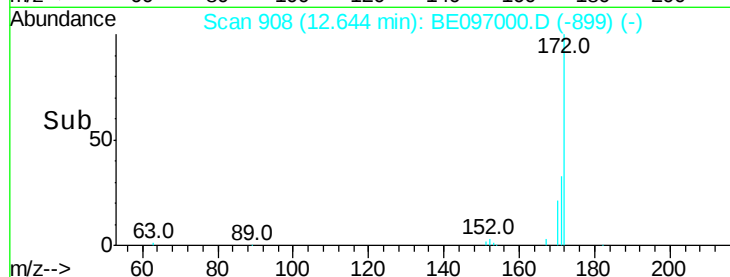
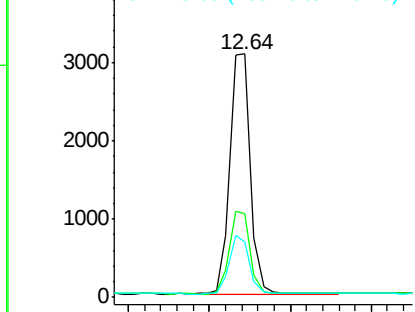
#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 5399
Ion Ratio Lower Upper
172 100
171 34.2 29.9 44.9
170 22.7 21.8 32.8

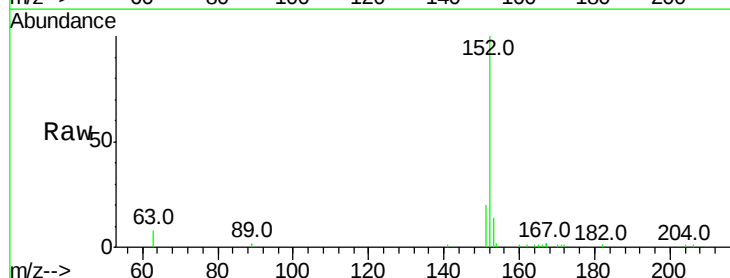


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

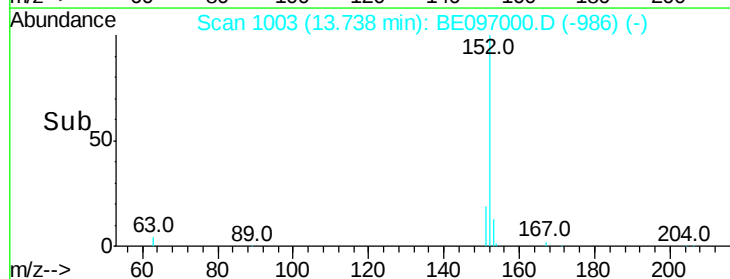
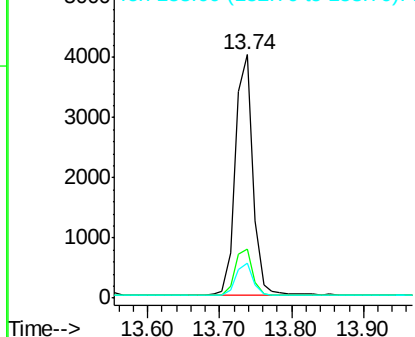


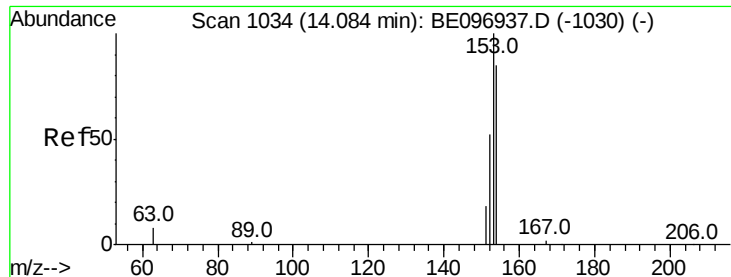
#16
Acenaphthylene
Concen: 0.363 ng
RT: 13.74 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097000.D
Acq: 19 Jul 2018 12:04

Tgt Ion:152 Resp: 6766
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.4 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.352 ng

RT: 14.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

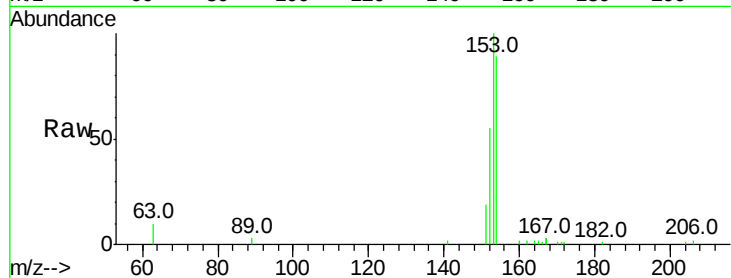
Tot Ion:154 Resp: 4080

Ion Ratio Lower Upper

154 100

153 114.3 89.2 133.8

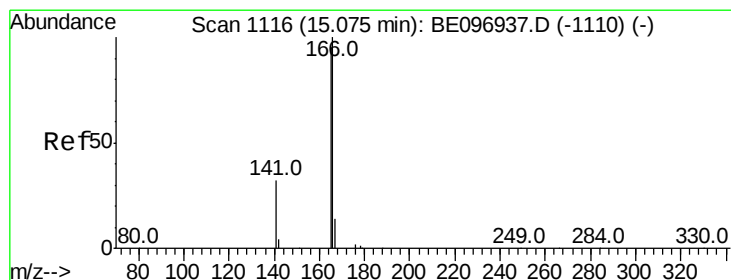
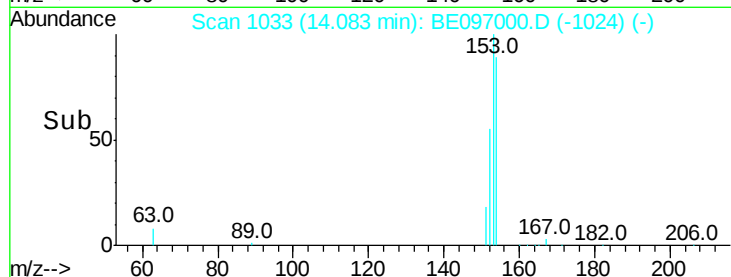
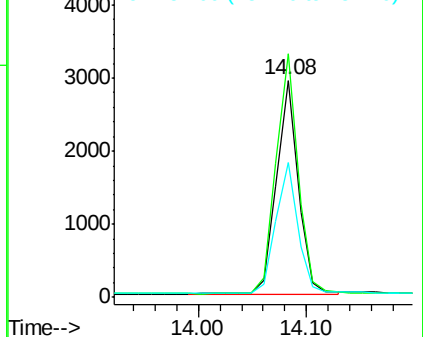
152 63.2 42.0 63.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.403 ng

RT: 15.07 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

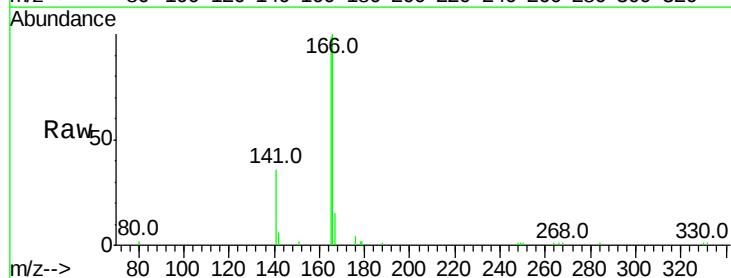
Tgt Ion:166 Resp: 5248

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.6

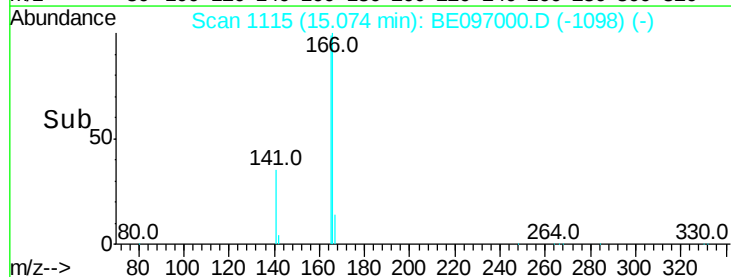
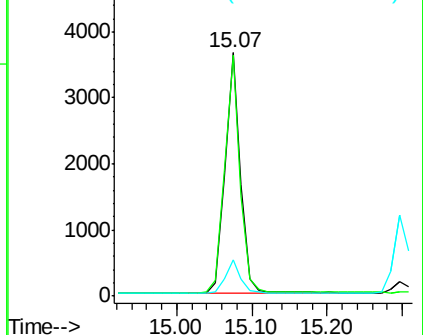
167 13.5 42.4 63.6#

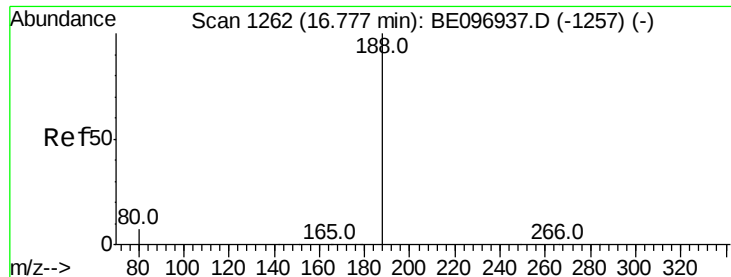


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

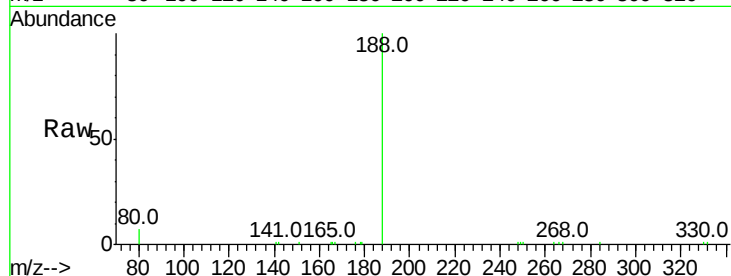
Tot Ion:188 Resp: 11655

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

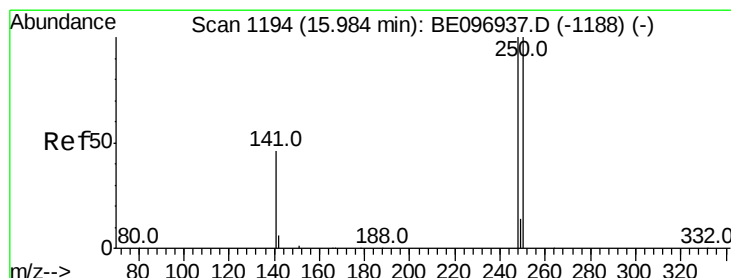
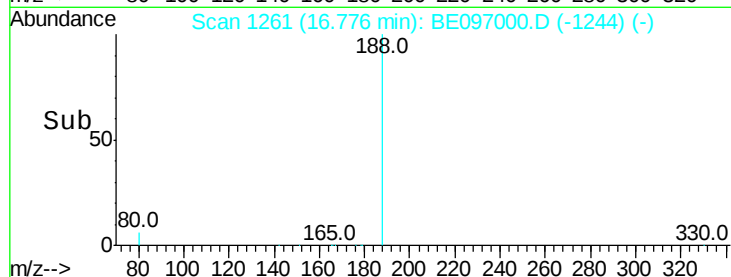
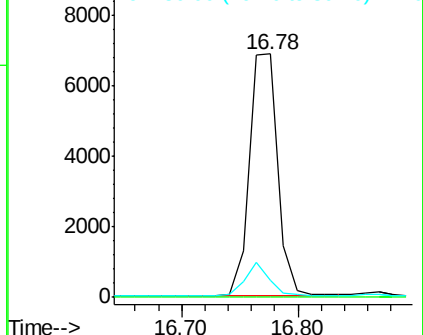
80 7.0 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.372 ng

RT: 15.98 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

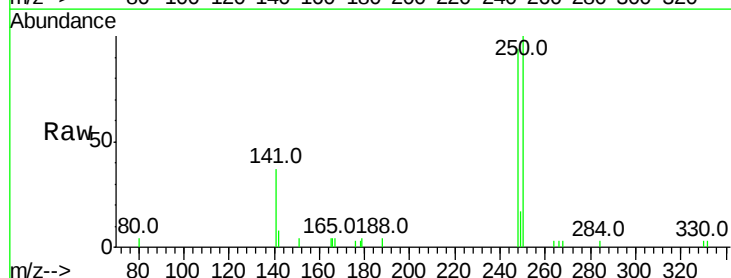
Tgt Ion:248 Resp: 2050

Ion Ratio Lower Upper

248 100

250 106.8 62.7 94.1#

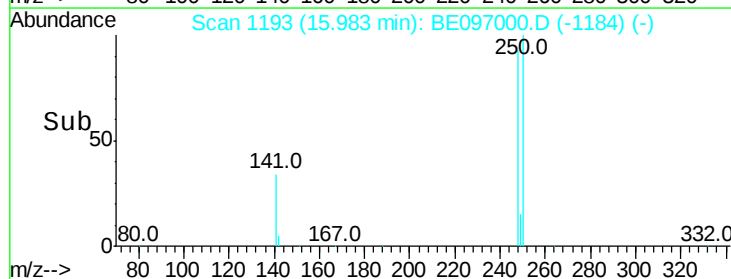
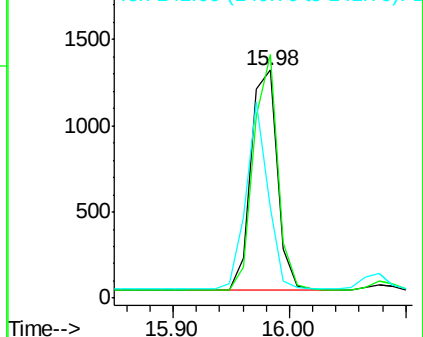
141 39.5 48.2 72.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.368 ng

RT: 16.08 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

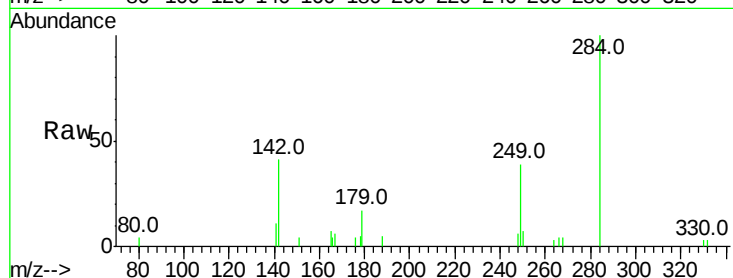
Tot Ion:284 Resp: 2251

Ion Ratio Lower Upper

284 100

142 34.3 22.1 33.1#

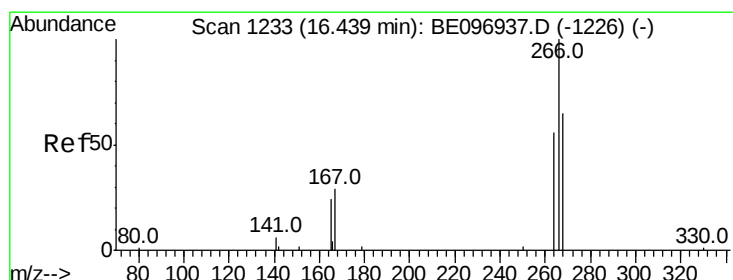
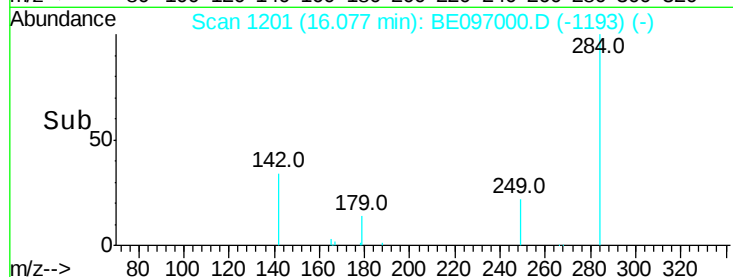
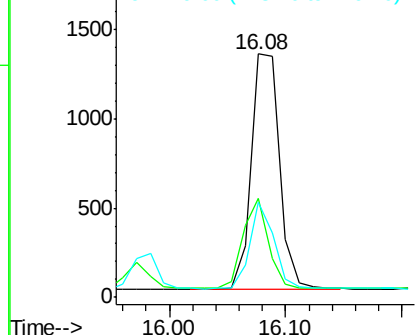
249 31.5 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.582 ng

RT: 16.44 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

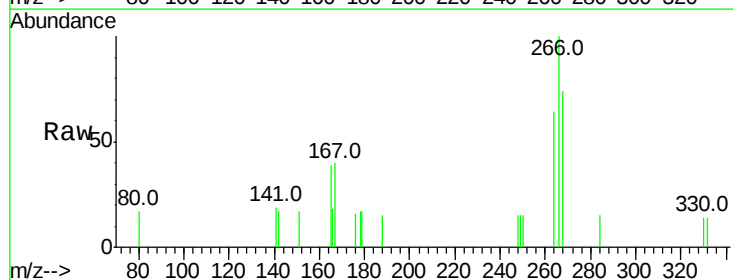
Tgt Ion:266 Resp: 551

Ion Ratio Lower Upper

266 100

264 64.5 72.5 108.7#

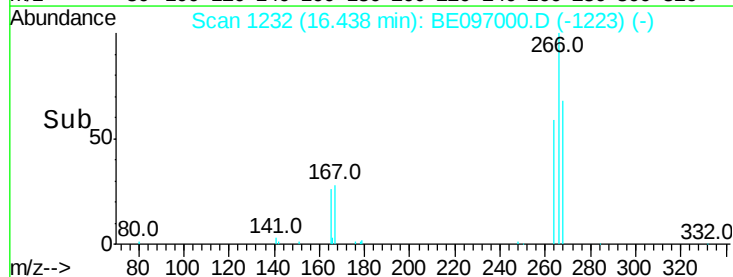
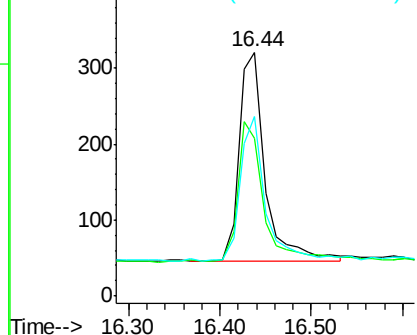
268 73.5 73.8 110.6#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.381 ng

RT: 16.81 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

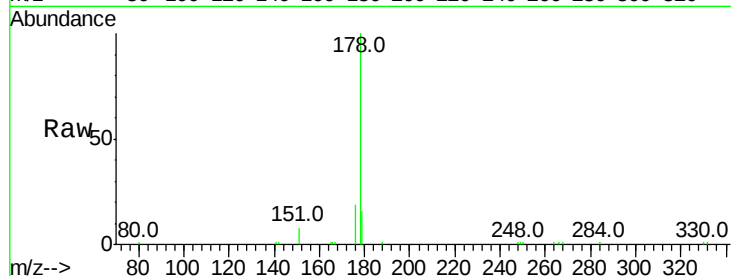
Tot Ion:178 Resp: 10645

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

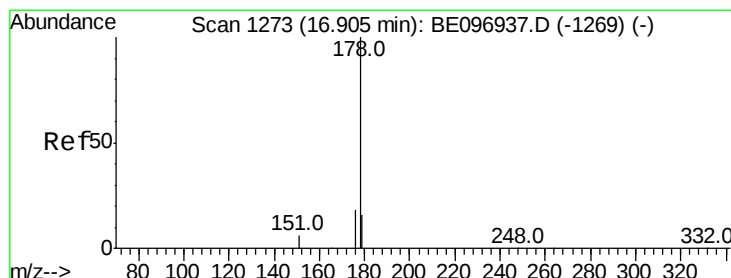
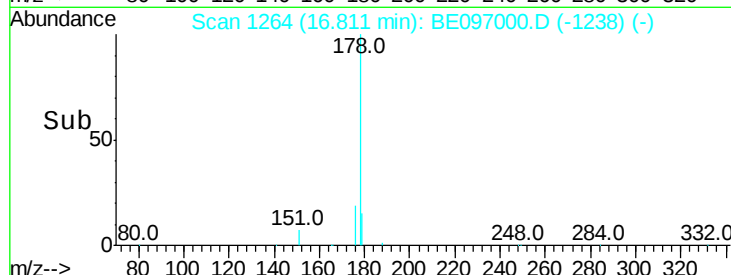
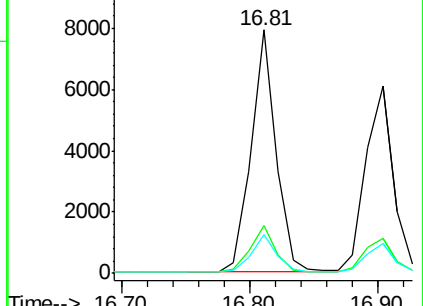
179 15.3 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.373 ng

RT: 16.90 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

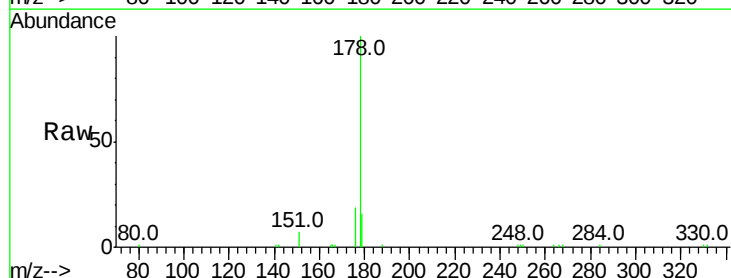
Tgt Ion:178 Resp: 9066

Ion Ratio Lower Upper

178 100

176 18.5 12.8 19.2

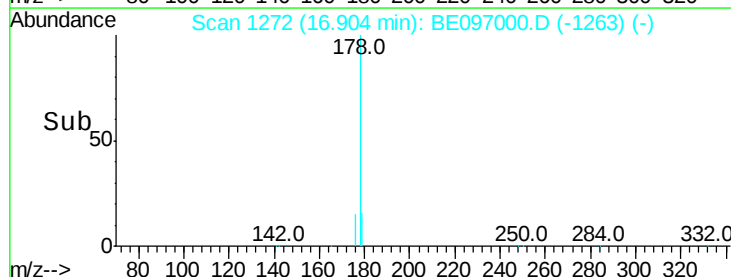
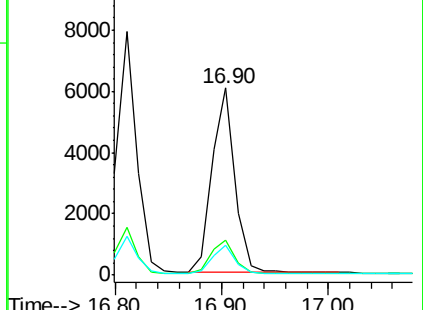
179 15.0 13.0 19.6

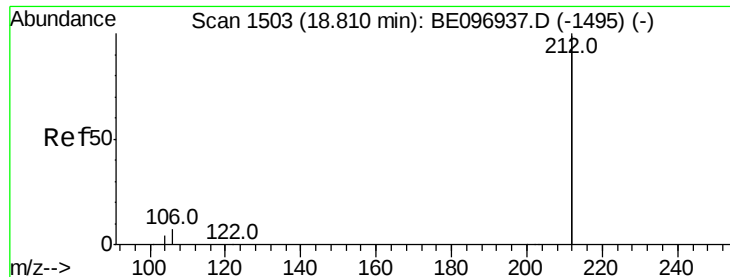


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.425 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

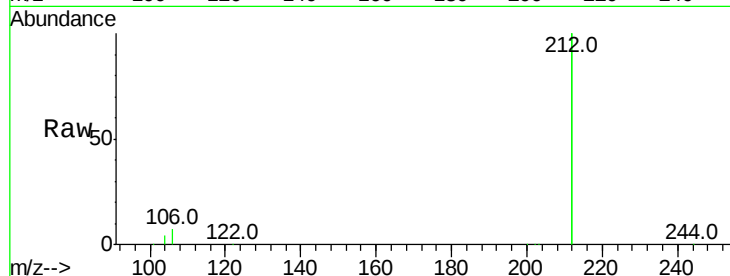
Tot Ion:212 Resp: 43110

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

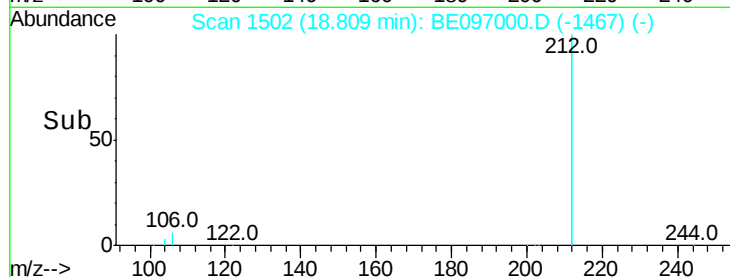
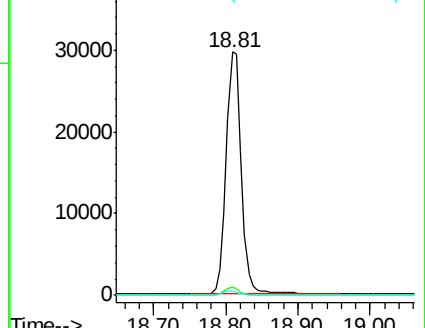
104 1.7 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.401 ng

RT: 18.84 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

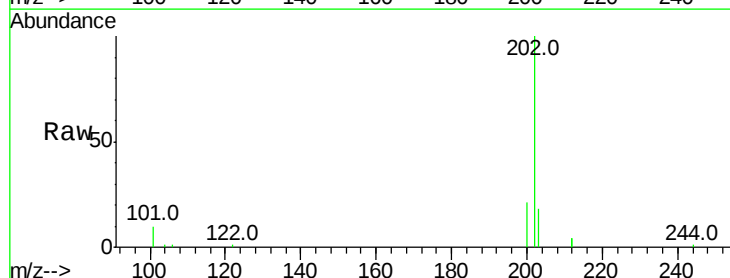
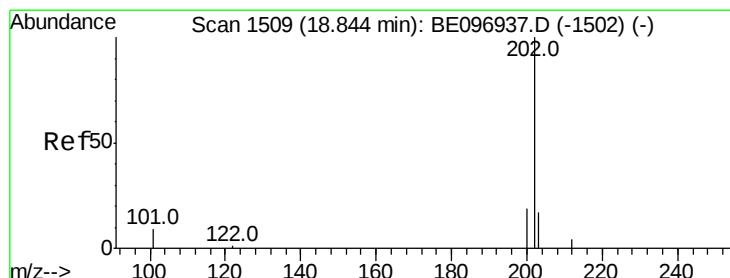
Tgt Ion:202 Resp: 11801

Ion Ratio Lower Upper

202 100

101 10.8 9.8 14.8

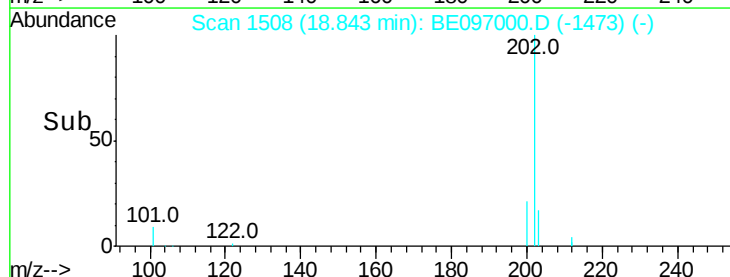
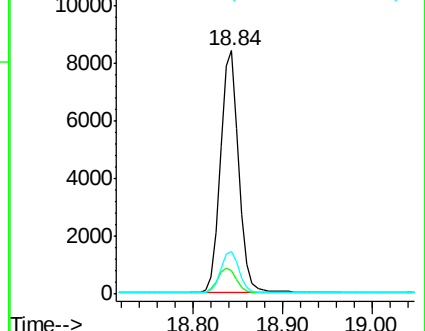
203 17.3 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

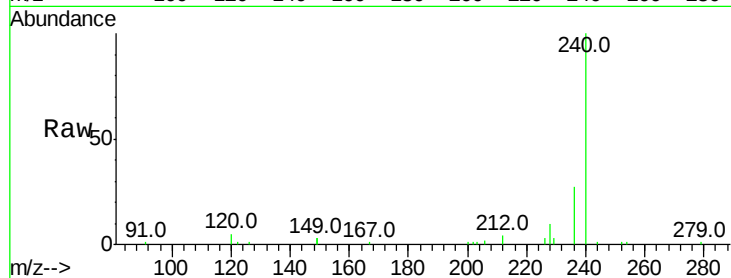
Tot Ion:240 Resp: 11833

Ion Ratio Lower Upper

240 100

120 4.6 5.5 8.3#

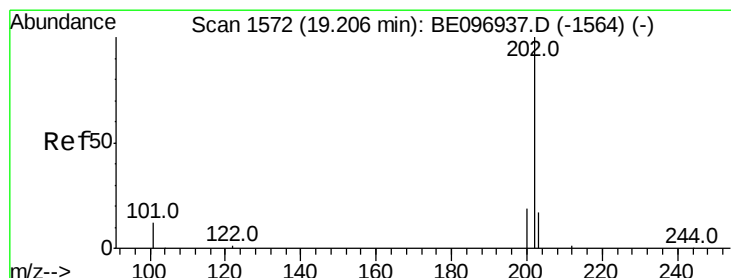
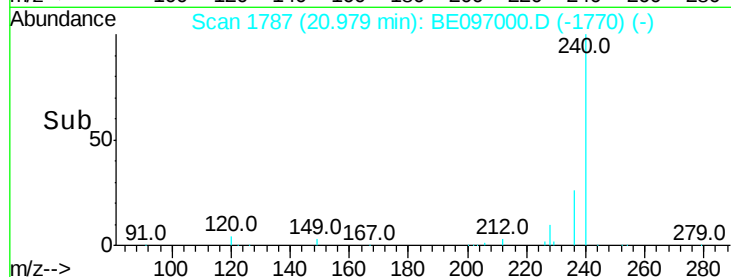
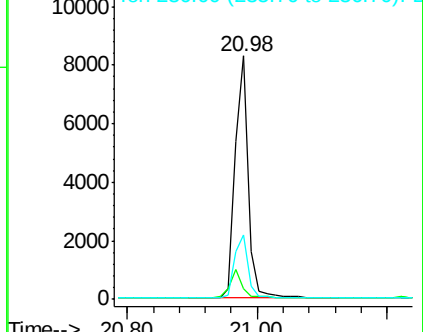
236 26.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.341 ng

RT: 19.21 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

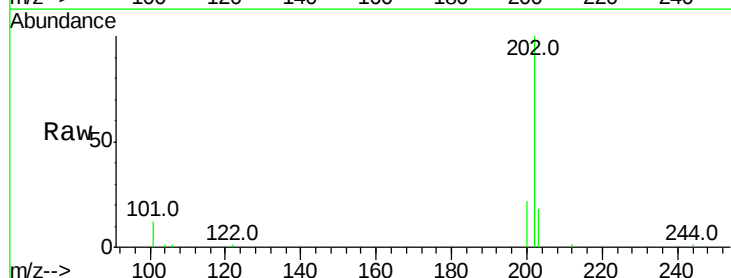
Tgt Ion:202 Resp: 11907

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

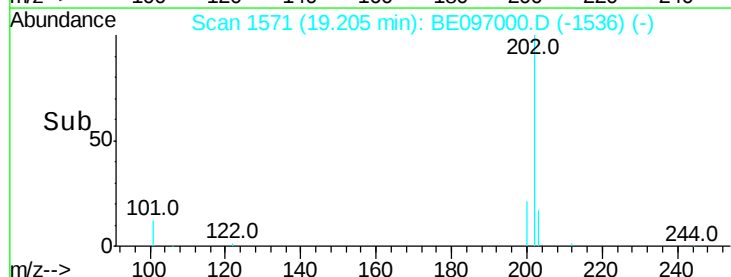
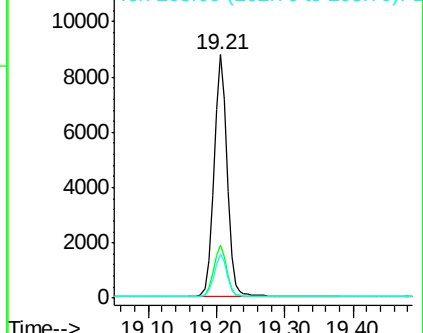
203 17.4 13.8 20.8

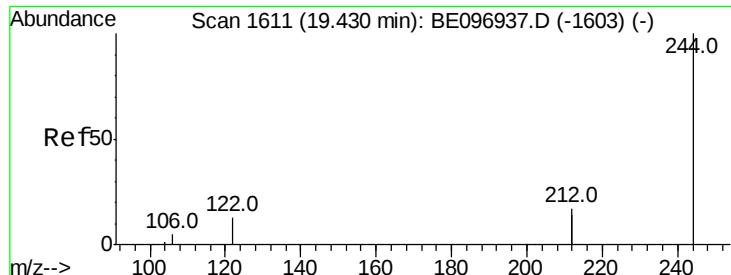


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.368 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

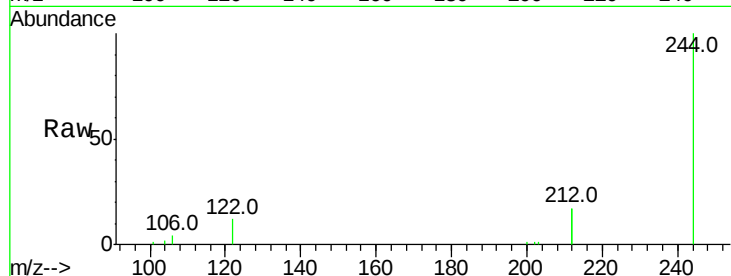
Tot Ion:244 Resp: 8410

Ion Ratio Lower Upper

244 100

212 33.5 25.4 38.0

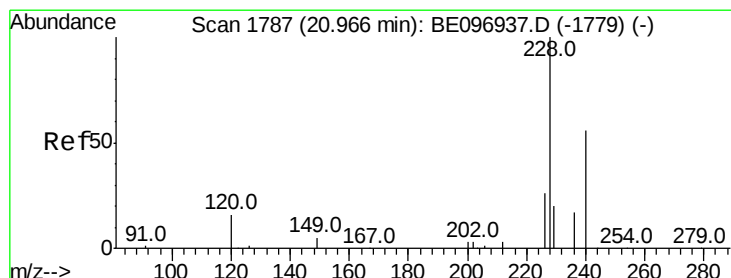
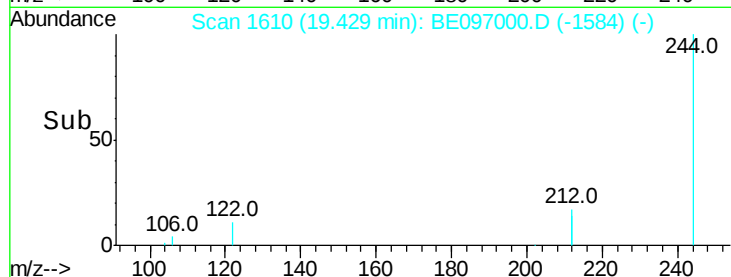
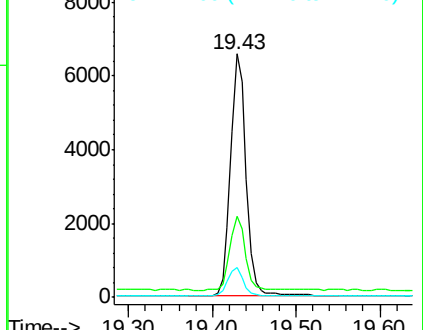
122 12.0 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.386 ng

RT: 20.95 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

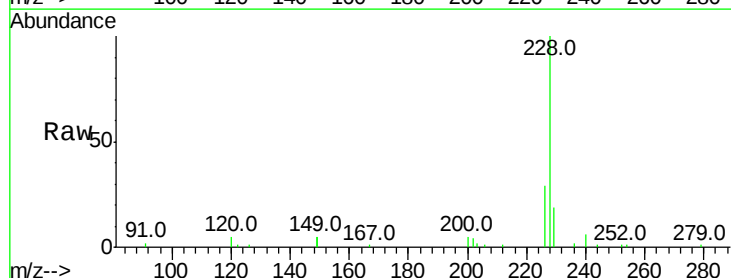
Tgt Ion:228 Resp: 10866

Ion Ratio Lower Upper

228 100

226 28.7 24.0 36.0

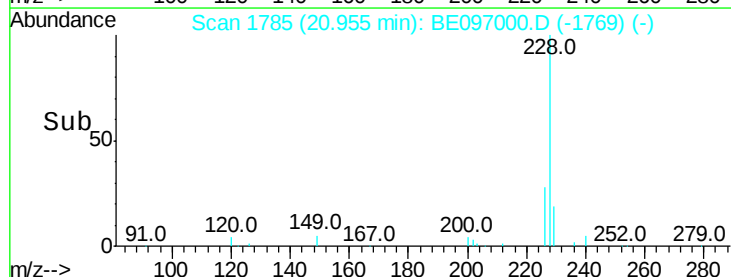
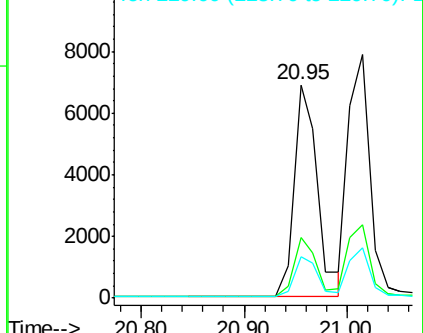
229 19.2 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.364 ng

RT: 21.02 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

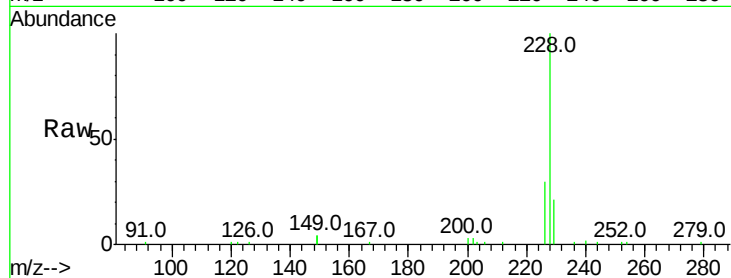
Tot Ion:228 Resp: 11509

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

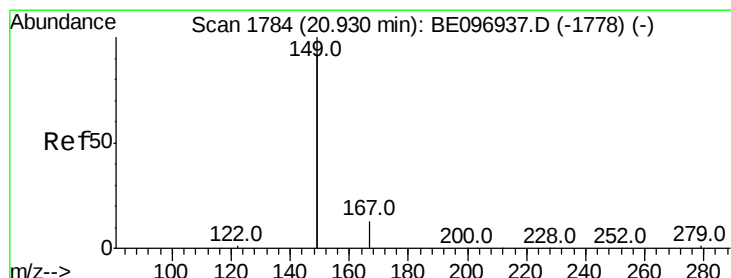
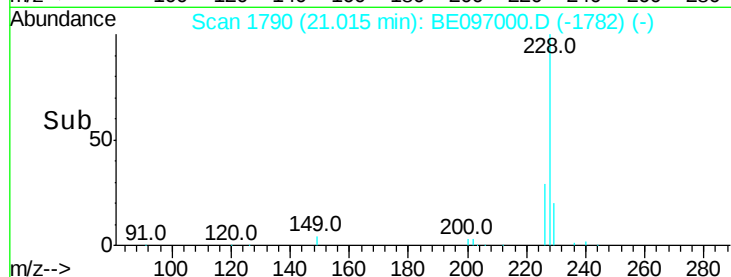
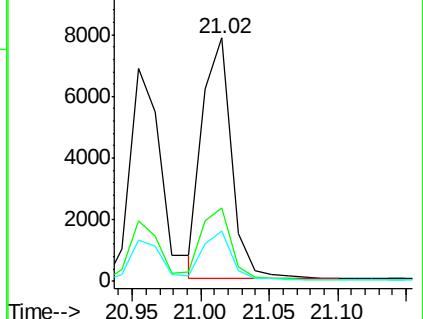
229 20.5 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.372 ng

RT: 20.93 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

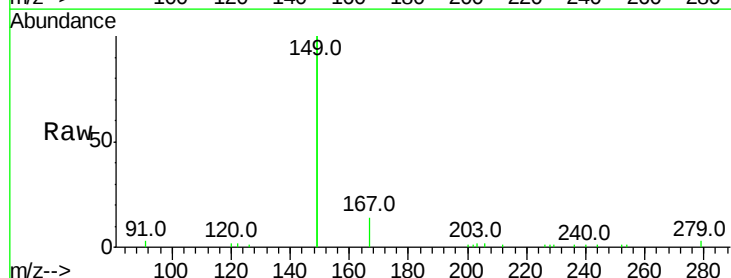
Tgt Ion:149 Resp: 10474

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

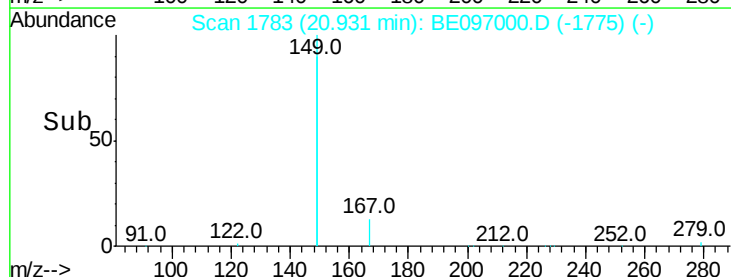
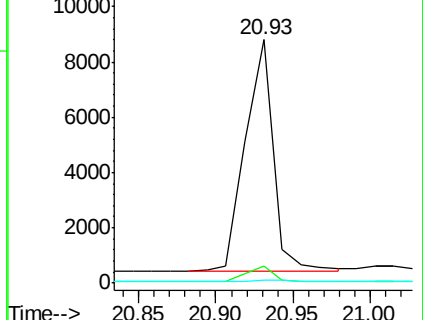
279 1.0 0.7 1.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.497 ng

RT: 25.51 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

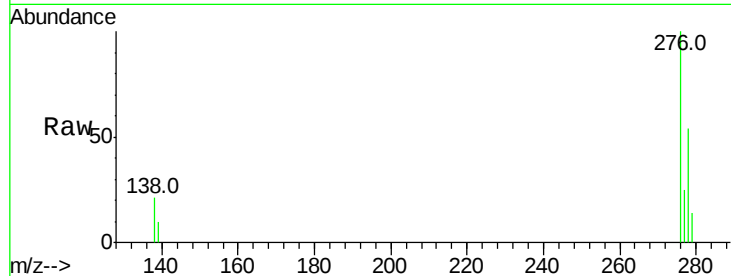
Tot Ion:276 Resp: 11452

Ion Ratio Lower Upper

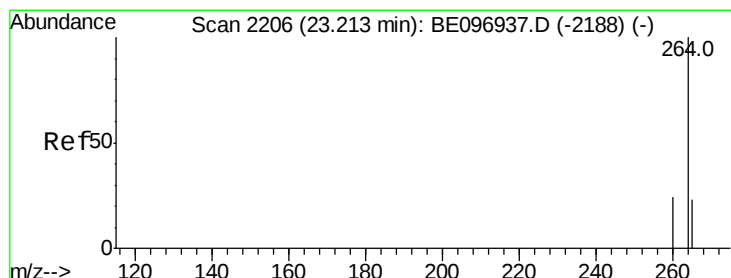
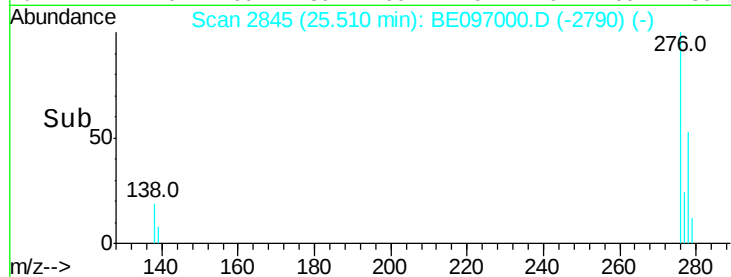
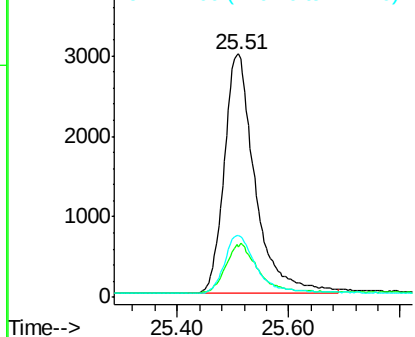
276 100

138 21.2 22.5 33.7#

277 24.8 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

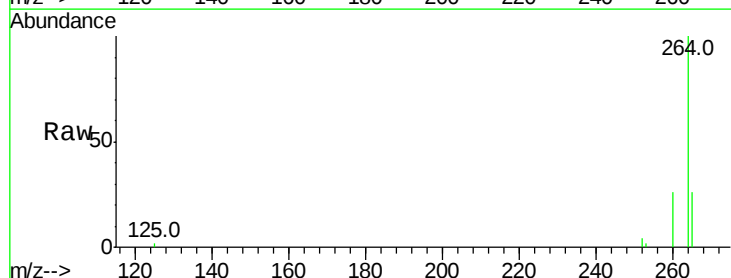
Tgt Ion:264 Resp: 10643

Ion Ratio Lower Upper

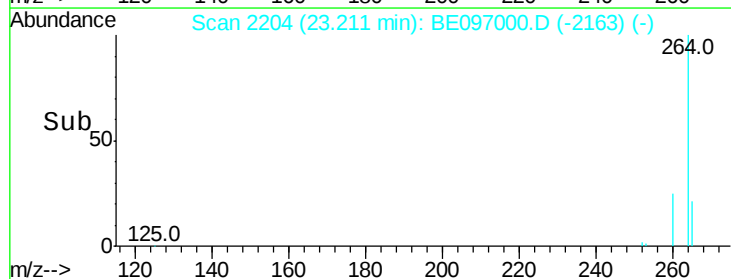
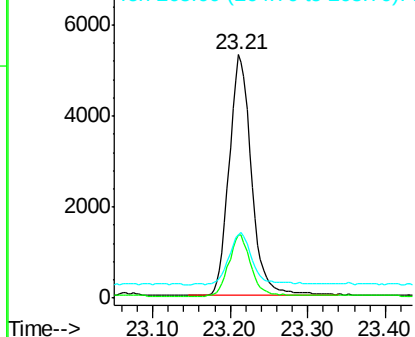
264 100

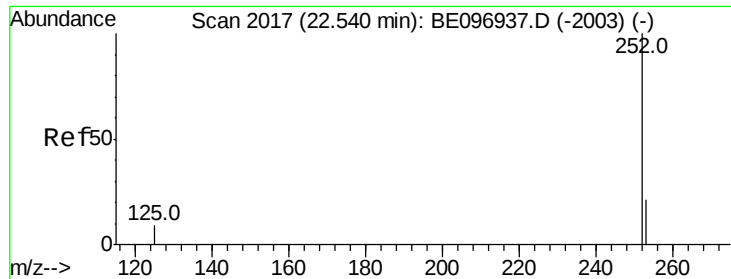
260 25.7 20.5 30.7

265 26.1 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.358 ng

RT: 22.54 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

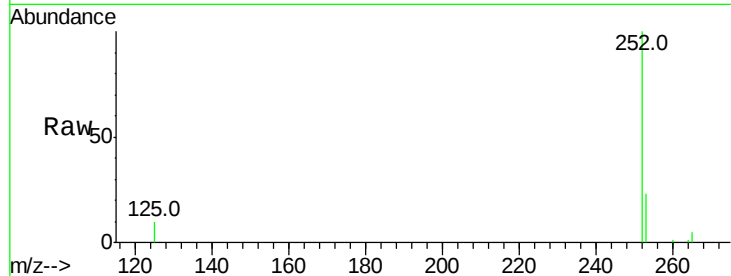
Tot Ion:252 Resp: 9730

Ion Ratio Lower Upper

252 100

253 23.1 20.0 30.0

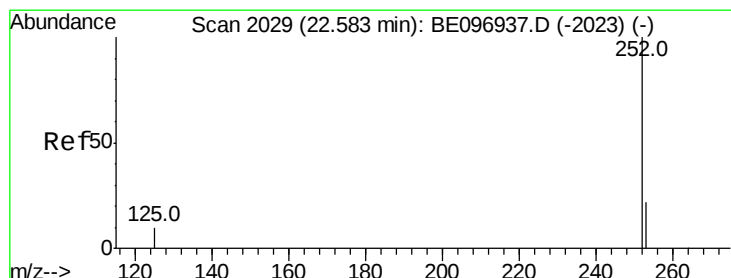
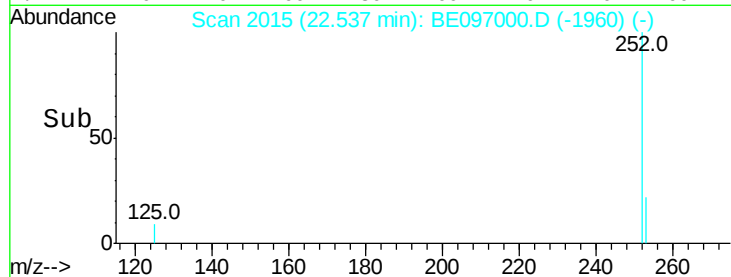
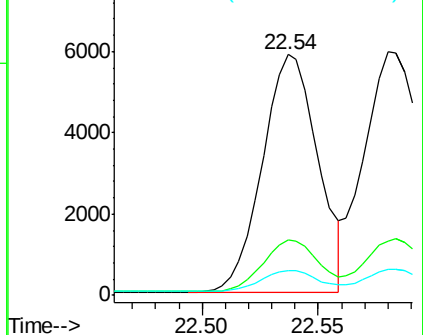
125 10.5 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.344 ng

RT: 22.58 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

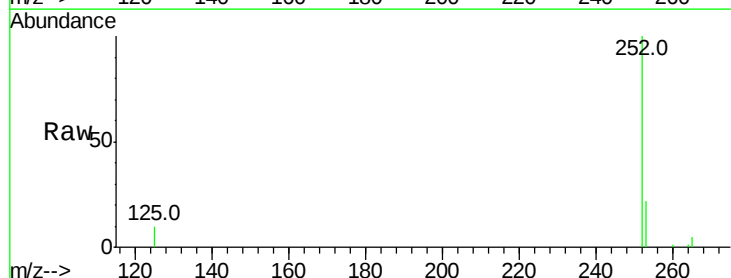
Tgt Ion:252 Resp: 11109

Ion Ratio Lower Upper

252 100

253 22.3 16.0 24.0

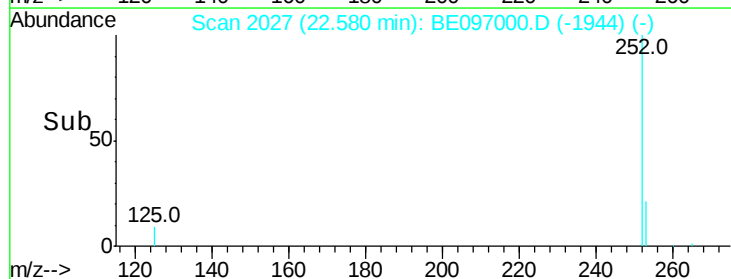
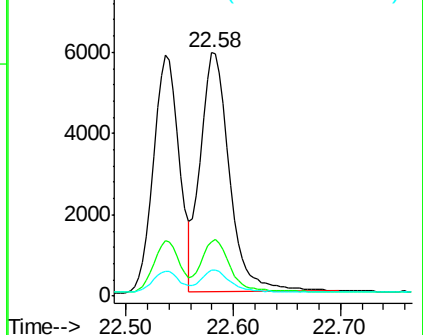
125 10.5 8.0 12.0

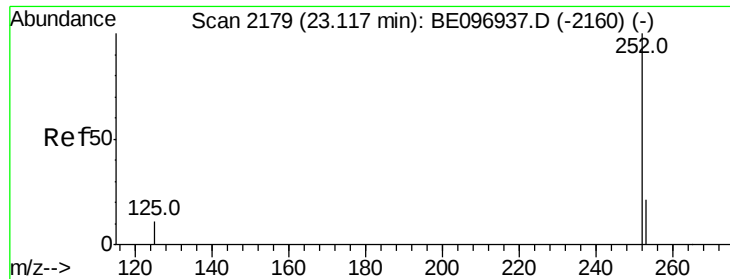


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.390 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

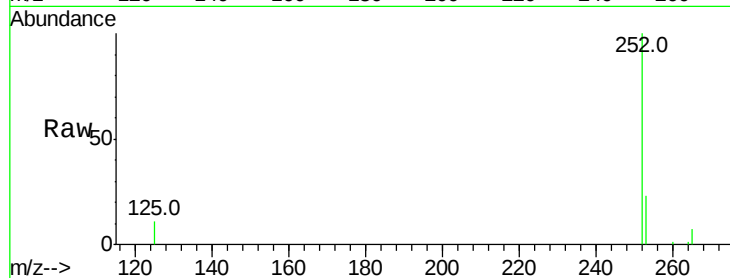
Tot Ion:252 Resp: 8912

Ion Ratio Lower Upper

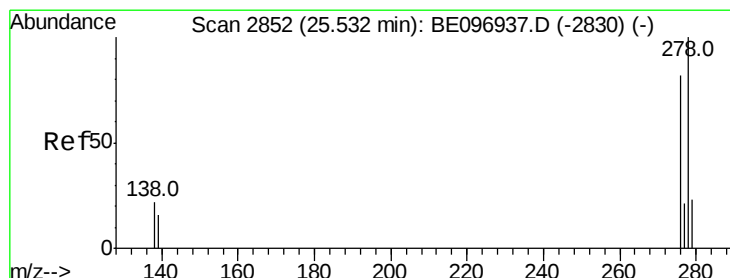
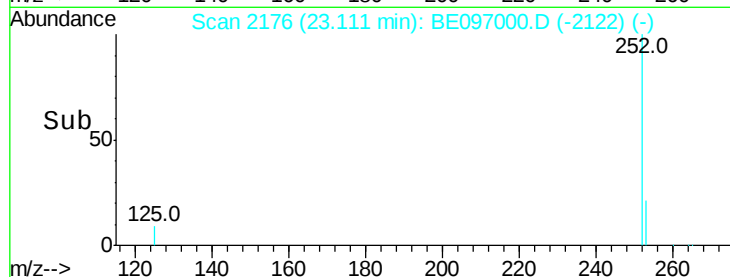
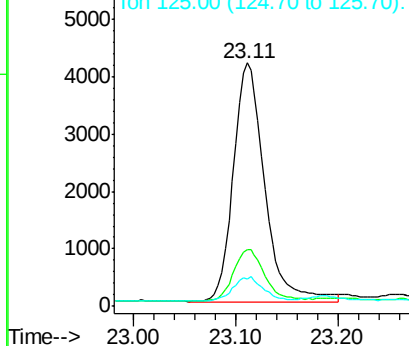
252 100

253 23.3 16.0 24.0

125 11.3 12.0 18.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.477 ng

RT: 25.53 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BE097000.D

Acq: 19 Jul 2018 12:04

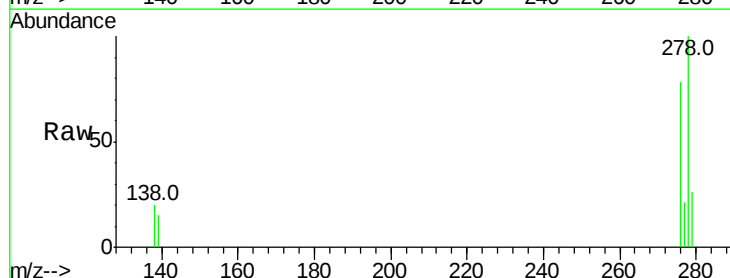
Tgt Ion:278 Resp: 9554

Ion Ratio Lower Upper

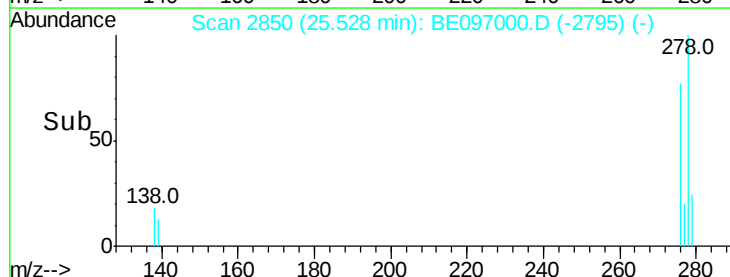
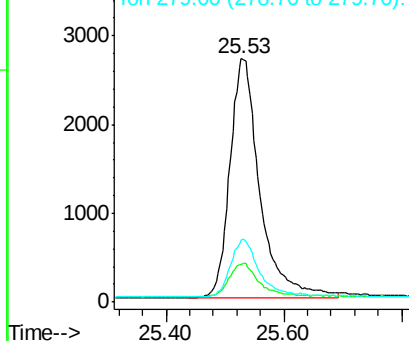
278 100

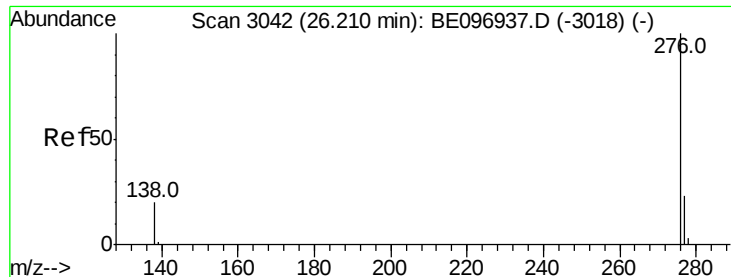
139 15.2 16.0 24.0#

279 25.5 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.454 ng

RT: 26.20 min Scan# 3039

Delta R.T. -0.01 min

Lab File: BE097000.D

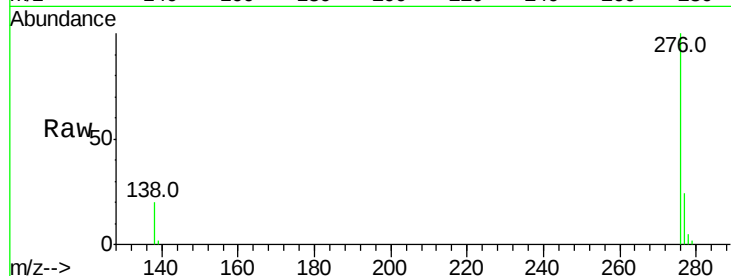
Acq: 19 Jul 2018 12:04

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tot Ion:	276	Resp:	10020
Ion	Ratio	Lower	Upper
276	100		
277	24.1	16.0	24.0#
138	20.3	20.0	30.0

